**Review of Protein Synthesis**

***Use your textbook or the internet to complete the questions below about protein synthesis.***

1. What important role does the **nucleus** play in the production of a protein?
2. Why is RNA needed in the production of a protein?
3. What role do the **ribosomes** play in the production of a protein?
4. What type of RNA carries the amino acids to the ribosomes? \_\_\_\_\_\_\_\_\_\_\_
5. What role does the **endoplasmic reticulum** play in the production of a protein?
6. What role does the **Golgi apparatus** play in the production of a protein?
7. What is meant by the **domain** of a protein?
8. Transcribe the DNA below into mRNA.

**T A C G C C A T G C C G G A A T A C C G C A T T**

1. Translate the above **mRNA** strand into **amino acids.**